

Amendments to the Claims:

The text of all pending claims, (including withdrawn claims) is set forth below. Canceled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (canceled), (withdrawn), (new), (previously presented), or (not entered).

Applicants reserve the right to pursue any canceled claims at a later date.

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1.-30. (canceled)

11. (currently amended) A web server for controlling an automation device,
comprising:

a processor;

a standard operating system that executes on the processor;

a real-time operating system that executes on the processor;

a first software module that provides a web page and that executes on the processor via the standard operating system;

a second software module for XML parsing that executes on the processor via the standard operating system;

~~software modules, wherein at least a first~~ third software module comprises a first mechanism for providing an automation functionality to control the automation device and having an interface to the real-time operating system; and

an application programming interface; and

a connection to the Internet for access to at least one of the software modules via the application programming interface ~~a second mechanism to directly access a transport layer.~~

12. (canceled)

13. (canceled)

14. (previously presented) The web server according to Claim 11, wherein internet protocols are provided for communication between the software modules themselves and for communication between the software modules and components outside the web server.

15. (canceled)

16. (previously presented) The web server according to Claim 11, wherein the web server is adapted to configure and administrate the software modules.

17. (canceled)

18. (canceled)

19. (canceled)

20. (currently amended) The web server according to Claim 1142, wherein the ~~first software module comprises a connection to an industrial automation system~~automation device is a computer numerical controlled machine.

21. (currently amended) The web server according to Claim 1144, wherein the ~~first software module comprises a connection to an industrial automation system~~automation device is a drive.

22. (currently amended) The web server according to Claim 1146, wherein the ~~first software module comprises a connection to an industrial automation system~~automation device is a valve.

23. (previously presented) The web server according to Claim 11, wherein the web server comprises a connection to the Internet using a firewall.

24. (cancelled)

25. (cancelled)
26. (cancelled)
27. (cancelled)
28. (cancelled)
29. (cancelled)
30. (cancelled)
31. (new) An automation system that controls an automation device via the Internet, comprising:
 - a first web server, comprising:
 - an application programming interface,
 - a software module for providing an automation functionality to control the automation device via the application programming interface and to directly access a first transport layer, and
 - a first connection to the Internet via the first transport layer, the connection for access to the software module by a client via the application programming interface;
 - a second connection to the Internet via a second transport layer directly accessible by the industrial automation system,
 - wherein the automation device is directly accessible from the Internet via the second transport layer, and
 - wherein the automation device is accessible from the first transport layer via the second transport layer.
32. (new) The web server according to Claim 31, wherein the industrial automation device is a computer numerical controlled machine.

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33. (new) The web server according to Claim 31, wherein the industrial automation device is a drive.